

LED Ceiling Light NC231E-232E

24W/36W

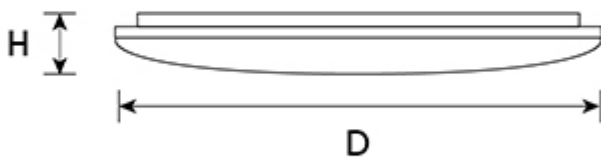
Features

- 24W / 36W LED Ceiling light
- Uniform distribution with opal diffuser
- Comfort glare-free light
- Tunable white from 2700K to 6500K
- Dimming by remote control
- Good color rendition, Ra ≥80



Diagrams

Dimensions:

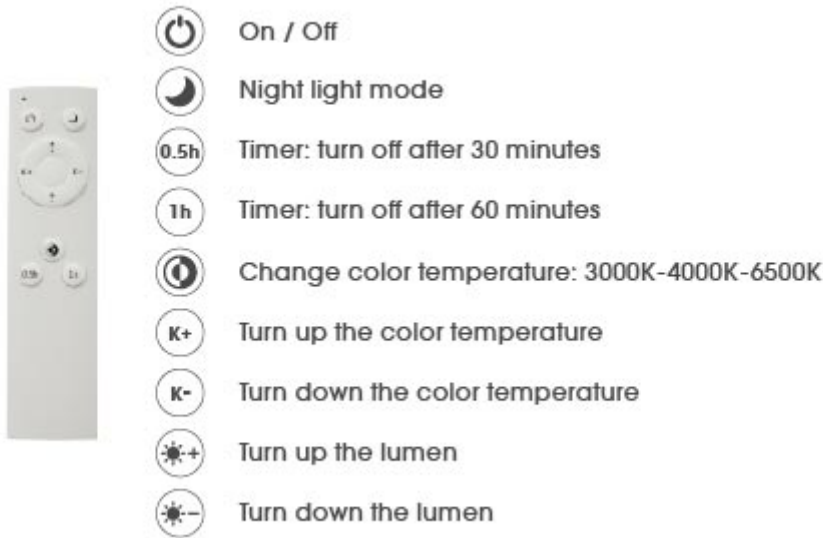


(Unit : mm)	(D)	(H)
NC231E	Ø360 x	58
NC232E	Ø500 x	60

Prosperity Lamps & Components Ltd.

Tel: (852) 2511 0022 Fax: (852) 2511 0082 Web: www.prosperitylamps.com Email: info@prosperitylamps.com

Remote Control:



Standards



Applications



Technical Data	
Type of Light Source	
Lighting Technology Used	LED
Non-directional or Directional [NDLS/DLS]	NDLS
Mains or Non-mains [MLS/NMLS]	MLS
Connected Light Source	No
Color tunable light source	No
Envelop [No/Second/Non-Clear]	No
High Luminance Light Source	No
Anti-glare Shield	No
Electrical	

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Rated Wattage [W]	24W / 36W
On-mode Power [W]	24W / 36W
Standby Power [W]	N/A
Networked Standby Power [W]	N/A
Rated Voltage [V/Hz]	220-240V, 50/60Hz
Power Factor	0.9
Input Current [mA] @230V	116 / 174
Model	
NC231E-24W/TW	24W
NC232E-36W/TW	36W
Luminous Flux (Useful Luminous Flux) [lm]	
24W	2500lm
36W	3850lm
Performance	
SCDM	<6
Chromaticity coordinates [x, y]	0.44, 0.403@3000K / 0.38, 0.38@4000K / 0.312, 0.335@6500K
Efficacy [lm/W]	104-107
Color Rendering Index [Ra]	≥80
R9 colour rendering index value	2
Beam Angle [°]	170
Rated Life, Ta@25°C [hrs]	25,000
Lamp Survival Factor	0.9
Lumen Maintenance	0.96
Number of Switching Cycles Before Failure	15,000
Starting Time [S]	<0.5
Warm Up Time [S]	<2
Premature Failure At 1000hrs	<5%
Displacement Factor [cosØ]	0.7 / 0.9
Flicker Metric [Pst LM]	1
Stroboscopic Effect Metric [SVM]	0.4
Mechanical	
Diameter D [mm]	360 / 500
Height H [mm]	58 / 60
Material	Body : Sheet steel with white finish Diffuser: Opaque acrylic
Standard Compliance	
CE-LVD	EN60598-1, EN60598-2-2
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
CE-EMF	EN62493
Environment	RoHS
Mercury Content [mg]	0.0
Energy Class	F
Other	

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Dimmable [Yes/Only with specific dimmers/No]	Y
Operation Temperature	-10°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Energy Consumption in on-mode [kWh/1000h]	24kWh / 36kWh
